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TECH CENTER 1600/2000



1

SEQUENCE LISTING

<110> Bay, Sylvie
Cantacuzene, Daniele
Leclerc, Claude
Lo-Man, Richard

<120> Mutiple antigen glycopeptide carbohydrate, vaccine
comprising the same and use thereof

<130> 102.166A

<140> 09/049,847

<141> 1998-03-27

<150> 60/041,726

<151> 1997-03-27

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 15

<212> PRT

<213> Clostridium tetani

<400> 1

Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu
1 5 10 15

<210> 2

<211> 21

<212> PRT

<213> Clostridium tetani

<400> 2

Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser
1 5 10 15

Ala Ser His Leu Glu
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<210> 3

<211> 12

<212> PRT

<213> Clostridium tetani

<400> 3

Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu
1 5 10

<210> 4
 <211> 13
 <212> PRT
 <213> Poliovirus

<400> 4
 Lys Leu Phe Ala Val Trp Lys Ile Thr Tyr Lys Asp Thr
 1 5 10

<210> 5
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 5
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Ile Gly Ile Thr Glu Leu
 1 5 10 15

<210> 6
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic TT1 peptide

<400> 6
 Tyr Ile Lys Ala Asn Ser Lys Phe Ile Ile Gly Ile Thr Glu Leu
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<210> 7
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Carbohydrate
 peptide conjugate

<220>
 <221> MOD_RES
 <222> (1)
 <223> Beta-Gal-(1-3)-alpha-GalNac-Ser or Thr

<220>
 <221> MOD_RES
 <222> (3)..(15)
 <223> This region may encompass 1-13 Lysine residues

<220>
 <221> MOD_RES
 <222> (17)
 <223> Beta-Gal-(1-3)-alpha-GalNac-Ser or Thr

<400> 7
 Xaa Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
 1 5 10 15

Xaa

<210> 8
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic Tn6-T
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<220>
 <221> MOD_RES
 <222> (1)..(3)
 <223> alpha-GalNac-Ser or Thr

<220>
 <221> MOD_RES
 <222> (5)..(7)
 <223> alpha-GalNac-Ser or Thr

<400> 8
 Xaa Xaa Xaa Gly Xaa Xaa Xaa Gly Lys Leu Phe Ala Val Trp Lys Ile
 1 5 10 15

Thr Tyr Lys Asp Thr
 20

02
amc